

ack Oct. 7/14

LIBRARY
OCT 7 1914
UNIVERSITY OF TORONTO

DEPARTMENT OF MARINE AND FISHERIES, CANADA.

METEOROLOGICAL SERVICE.

Monthly Weather Review

VOL. XXXVIII.

JULY, 1914

No. 7

INTRODUCTION.

In compiling the present Review, the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm-signal agents. For the data used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

LOW AREAS.

Ten areas of low pressure were sufficiently defined to admit of their paths being approximately charted, while there were other very minor ones which could not be accurately plotted. Eight of the areas were first indicated in the neighborhood of the Rocky Mountain districts of Alberta, Montana and Idaho; of the remaining two one appeared near James Bay, the other off the South Carolina coast.

The systems were all of feeble intensity, while six of those from the northwest portion of the continent apparently travelled to the Hudson Bay region. No gales were experienced in the settled portions of Canada, and there was but little rain generally.

HIGH AREAS.

Seven areas of high pressure were charted. Five first moved on to the continent between the 45th and 55th parallels of latitude, while the others were first shewn near Hudson's Bay. The systems were of the usual feeble summer type of areas.

ATMOSPHERIC PRESSURE.

From Southern Alberta to the Atlantic coast the mean atmospheric pressure at the telegraph stations was higher than normal, except at Winnipeg, Ottawa, and at Chatham, N.B., where the normal was just reached. In Southern British Columbia also the pressure was in excess, but in the northern interior and on the north coast of the same province, as well as in the northern portions of Saskatchewan, there was a deficiency.

GENERAL SYNOPSIS OF TEMPERATURE AND PRECIPITATION.

The following table is intended to show the average values of temperature and precipitation for each province for the month under review. District and Provincial means would, under ideal conditions, be derived from stations situated in equi-areal squares. But since in reality they are so situated as to appear, rather, constellation-wise upon the map, anomalous values arising from local topographical peculiarities may have received more than their just weight in the computation of the following averages.

Where no difference from normal is assigned, observations over a period long enough for reference are not available.

PROVINCE AND DISTRICT.	TEMPERATURE (FAHR.).						PRECIPITATION.				STATION DIFFERENCES FROM NORMAL TEMPERATURE
	Mean Daily.	Mean Daily Maximum.	Mean Daily Minimum.	Mean Daily Range.	Extreme Highest.	Extreme Lowest.	Total in Inches.	Difference from Normal.	Number of Days.	Greatest Fall.	
BRITISH COLUMBIA—											
South Vancouver Island...	62.0	73.0	51.0	22.0	94	36	0.24	-65	3	0.60	+1°
North Vancouver Island...	69.0	68.0	51.0	17.0	85	38	1.45	...	11	0.79	+1°
Lower Fraser River...	64.0	76.0	51.0	25.0	92	25	0.33	-84	3	0.45	-2° to +3°
Upper Fraser River...	59.0	73.0	46.0	27.0	94	31	2.21	...	10	0.83	-2° to -4°
Okanagan and Similkameen Valleys...	68.0	84.0	52.0	32.0	99	34	0.55	-70	3	0.75	+2°
West Kootenay...	67.0	82.0	51.0	31.0	101	31	1.06	-55	5	1.26	+2° to +3°
East Kootenay...	65.0	82.0	49.0	33.0	98	34	1.31	...	6	0.69	+3° at Elkton
Thompson River...	68.0	84.0	52.0	32.0	102	35	0.79	-60	5	0.71	+1° to +3°
North Columbia River...	62.0	76.0	48.0	28.0	95	36	1.09	-50	5	1.05	+2°
North Coast...	56.0	62.0	50.0	12.0	79	36	9.87	...	22	2.02	-5°
Queen Charlotte Islands...	56.0	62.0	49.0	13.0	71	43	7.15	+110	18	3.73	-0.5°
ALBERTA—											
North Saskatchewan River	54.0	78.0	49.0	28.0	68	32	1.98	-32	9	1.20	+2°
The Red Deer River...	63.0	79.0	48.0	31.0	96	33	1.75	-33	9	0.83	+1° to +2.5°
The Bow River...	67.0	84.0	50.0	34.0	104	30	0.87	-60	1	1.96	+3° to +7°
Athabasca River...	...	...	...	...	...	...	...	...	...	...	...
Peace River...	...	...	...	...	...	...	...	...	...	...	...
SASKATCHEWAN—											
Qu'Appelle River...	69.0	84.0	55.0	29.0	104	39	1.85	-20	5	3.10	+5° to +8°
N. Saskatchewan River...	69.0	86.0	52.0	34.0	101	37	0.58	-75	5	0.34	+1° to +7°
S. Saskatchewan River...	66.0	81.0	51.0	30.0	102	34	1.01	-50	4	0.95	+5.5° at Battleford
Saskatchewan Forks...	68.0	82.0	54.0	28.0	99	39	1.13	-50	8	1.06	+6°
Lower Saskatchewan River	66.0	79.0	53.0	26.0	93	42	2.21	...	8	1.17	...
MANITOBA—											
Qu'Appelle and Assiniboine Rivers...	71.0	84.0	53.0	26.0	107	40	1.92	-5	9	1.39	+5° to +9°
The Red River...	71.0	84.0	58.0	26.0	100	43	4.07	+60	8	5.26	+6°
Dauphin Lake and River...	70.0	82.0	57.0	25.0	97	36	2.40	...	10	0.68	...
ONTARIO—											
Lake Superior Districts—											
<i>Boing River</i> ...	68.0	81.0	56.0	25.0	98	35	3.32	...	10	1.70	...
<i>Thunder Bay</i> ...	62.0	76.0	49.0	27.0	92	32	3.05	+5	10	1.60	+1°
<i>Algonia</i> ...	64.0	79.0	49.0	30.0	97	28	1.47	...	7	0.83	+1° at White River
<i>Nipissing</i> ...	65.0	79.0	51.0	28.0	94	37	1.48	...	9	0.46	+6° at Haileybury
Upper Ottawa River...	65.0	81.0	50.0	31.0	94	37	1.22	-61	7	0.54	0° to -1°
Upper St. Lawrence and Ottawa Rivers...	68.0	79.0	57.0	22.0	95	38	1.70	-60	6	0.83	-2° to +3°
Georgian Bay Counties...	65.0	77.0	53.0	24.0	92	35	1.27	-53	6	1.15	+1° to -2°
Lake Huron Counties...	67.0	77.0	57.0	20.0	99	40	1.52	-43	6	0.75	-1°
Lakes St. Clair & Erie, Niagara Peninsula...	70.0	81.0	60.0	21.0	95	42	1.76	-40	6	1.64	-2° to +2°
West Central Counties...	69.0	81.0	57.0	24.0	94	39	1.07	-60	6	0.89	+°
Lake Ontario Counties...	69.0	80.0	59.0	21.0	95	43	0.74	-73	7	0.65	+1°
East Central Counties...	68.0	80.0	55.0	25.0	93	37	1.23	-75	5	1.90	-1° to +1°
QUEBEC—											
Middle St. Lawrence...	65.0	76.0	54.0	22.0	96	36	1.96	-60	9	1.90	0° to -5°
Lower St. Lawrence & Gulf...	60.0	70.0	50.0	20.0	91	36	1.57	-54	7	0.85	-1° to +1°
Lake St. John...	64.0	77.0	52.0	25.0	98	35	1.66	...	12	1.17	-2° at Chicoutimi
Northwestern Districts...	66.0	81.0	51.0	30.0	100	32	1.80	...	6	1.04	+1.7° at Alouani
NEW BRUNSWICK—											
All Stations...	63.0	74.0	52.0	22.0	90	35	2.36	-28	7	2.10	+1° to -2.5°
NOVA SCOTIA—											
All Stations...	62.0	73.0	51.0	21.0	88	34	2.20	-40	8	2.24	-2° to -5°
PRINCE EDWARD ISLAND											
All Stations...	63.0	72.0	54.0	18.0	82	37	2.50	-30	9	0.93	-2°

WINDS, JULY, 1914

PROVINCES AND STATIONS.	Total Mileage.	Greatest Mileage in 24 hours.	Greatest Mileage in 1 Hour			Number of Days of			GENERAL DIRECTION
			Miles	Direction	Date	Gales	Strong Winds	Fresh Winds	
BRITISH COLUMBIA.									
Atlin.....									SW
Prince Rupert.....									
Victoria.....	10811	702	44	SW	19	7	18	6	
Point Garry.....									
Vancouver.....									
Kamloops.....	2349	142	11	SE	5				
ALBERTA.									
Edmonton.....	5140	480	30	NW	15	1	6	13	NW
Calgary.....	3774	261	22	NW	21		2	10	NW
SASKATCHEWAN.									
Battleford.....									W
Prince Albert.....									
Swift Current.....	8396	568	33	SW	1				
Qu'Appelle.....	7053	533	28	W	22		9	17	
MANITOBA.									
Le Pas.....									
Winnipeg.....	8202	515	28	SE	5		12	18	
ONTARIO.									
Port Arthur.....	5389	311	25	W	16		3	18	E,NW
White River.....	2679	214	19	W	16		1	6	
Cochrane.....	5336	322	21	SW	16		1	16	
Parry Sound.....	3974	228	16	SW	17			7	
Southampton.....	4912	317	21	NE	28		2	12	
Pele Island.....									S,NW
*Woodstock.....	5712	292	20	NW,SW	18-23		3	19	NW
Guelph.....									NE S,NE
Toronto.....	6701	408	24	NE	27		8	18	
Kingston.....	5513	355	22	S	22		3	12	
Stonecliffe.....	2569	209	15	W	17				
Ottawa.....									
QUEBEC.									
Montreal.....	6909	314	19	NW	21		1	22	N
Sherbrooke.....									SW,NE
Quebec.....	7221	440	30	NE	29	1	12	15	
Father Point.....									
Anticosti,SW.....	7548	458	26	S	17		14	12	
Harrington.....	15322	479	35		23	3	22	6	
NEW BRUNSWICK									
Pt. Esquimaux.....	8087	465	30	W	23	1	11	16	S
Fredericton.....	4531	277	20	SW	14		2	19	W
St. John.....	4884	347	26	SW	8-14		4	17	S
Pt. Lepreau.....	6801	411	31	SW	14	1	13	11	
NOVA SCOTIA									
Yarmouth.....	6636	488	27	SW	22		8	19	SW
Wolfville.....	5737	482	27		18		4	17	W
Halifax.....	7136	455	29	SW	21		9	18	W
Sable Island.....	10985	551	29	SW	8		10	10	SW,NE
Flat Point.....	7075	488	29		23		16	12	W,SE
PRINCE EDWARD ISLAND									
Charlottetown.....	4558	280	19	SW	21		1	14	SW

STATION.	Latitude N.	Longitude W.	Elevation above sea level, in feet.	TEMPERATURE.							PRECIPITATION.			Days with .01 or more.	No. of fair days	No. of aurora	No. of thunderstorms.	No. of fogs								
				Mean.	Difference from average.	Yr's Observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from average.						Heaviest fall in month.							
BRITISH COLUMBIA—																										
S. Vancouver Island																										
Aberni (Beaver Creek).....	49 15	124 49	300	53.6	-1.6	19	94.0	18-19	36.0	30	32.3	0.31	-0.65	0.27	2	28										
Chayquoct.....	49 11	125 55	27	58.8	+0.6	15	75.0	17-18	44.0	26-29	19.7	1.05	-0.96	0.60	2	28										
Cloose.....	49 40	124 50		55.4		12	68.0	1-16	42.0	29	13.5	0.22		0.12	5	26										
Cobble Hill.....			33	60.5		1	79.5	19	41.0	28	21.7	0.11		0.07	3	28										
Cowichan (Tzouhalem).....	48 25	123 42	170	53.9	+0.6	10	85.0	17	42.2	29	33.6	0.15	-0.49	0.07	4	27										
Departure Bay.....	49 40	124 0		65.2		12	86.2	17	46.5	27	21.5	0.07		0.04	3	28										
Gillis Bay.....	49 40	124 32		63.0		12	83.0	2-31	43.9	27	23.2	0.26		0.26	1	30										
Janes Island.....				61.8		1	80.5	18	44.6	26	19.9	0.02		0.02	1	30										
Ladysmith.....	48 57	123 39		62.6		12	82.0	11-17	42.3	26	23.7	0.38		0.24	3	28										
Lake (Little River).....	49 44	124 54	12	62.4		1	79.5	19	42.5	28	18.4	0.32		0.30	2	29										
Naino.....	49 10	123 37	125	64.1	+1.3	14	85.0	17	48.8	27	15.9	0.10	-0.65	0.06	5	25										
Nanoose Bay.....	49 17	124 12	130	62.5		3	85.0	17	42.0	27-28	23.6	0.16		0.13	2	29										
Quahicum Beach.....				62.4		1	84.0	19	41.0	28	23.9	0.28		0.26	2	29										
Salt Spring Island.....	48 50	123 20		62.6		5	83.0	18	45.0	28	21.8	0.12		0.07	5	26										
Shawinigan Lake.....	48 37	123 41		69.2		2	88.0	17-18	42.0	27-28	26.8	0.11		0.06	5	28										
Sidney.....	48 27	123 27	200	63.5		1	85.5	18	44.0	28	23.6	0.13		0.12	2	28										
Sooke.....	48 41	123 44	25	59.5		4	82.0	17	39.0	28	23.0	0.06		0.06	1	30										
Victoria.....	48 24	123 19	55	59.7	-1.2	22	89.3	17	48.2	6	15.8	T	-0.35	T	0	31										
N. Vancouver Island																										
Alert Bay.....	50 33	127 0		57.2		1	74.0	4-5	38.0	2-9	19.3	1.25		0.30	13	18										
Holberg.....	50 39	128 18		58.5		6	78.0	3	41.0	26	15.3	3.56		0.79	14	17										
Mary Island.....				63.7		1	85.6	17	46.0	26	18.8	0.31		0.13	5	26										
Quntisno.....	50 32	127 40		58.9	+1.4	19	74.0	15-18	41.0	26	17.0	0.74	-2.32	0.18	12	19										
Triangle Island.....	50 52	129 5	680																							
Lower Fraser River																										
Agassiz.....	49 14	121 31	62	62.1	-1.9	22	87.0	17	39.0	28	30.7	0.15	-2.15	0.12	2	29										
Britannia Beach.....	40 39	123 5	165	59.8		1	79.0	2-18	40.0	28-29	23.7	0.48		0.15	5	26										

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JULY, 1914.

*Stations not furnished with Registering Thermometers

STATION.	Latitude N.	Longitude W.	Elevation above sea level, in feet.	TEMPERATURE						PRECIPITATION				Days with 0.1 or more.	No. of fair days.	No. of auroras.	No. of thunderstorms.	No. of fogs.					
				Mean.	Difference from average.	Yr's Observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from average.						Heaviest fall in month.				
BRITISH COLUMBIA—Con.																							
Monte Creek.....	50 35	119 59	1156	69 0	—	2	97 0	30	41 0	28 31 1	0 15	—	0 43	4	27	—	—	—					
Nicola Lake.....	50 9	120 39	2120	63 5	—	19	89 0	31	41 0	16 29 28 4	0 04	—	0 0	4	27	—	—	—					
Salmon Arm.....	50 42	119 35	1152	67 0	—	9	85 0	3	40 0	29 29 7	0 73	—	0 23	4	27	—	—	—					
Salmon Arm (Exp. Farm).....	50 42	119 35	1152	67 3	—	4	86 0	3	40 0	18 34 12	0 56	—	0 55	4	27	—	—	—					
Tappen.....	50 41	120 29	1350	71 9	—	2	102 0	3-11	42 0	29 28 5	0 09	—	0 32	4	27	—	—	—					
Tranquille.....	50 41	120 29	1350	71 0	—	6	100 0	1	39 0	21 20 1	0 75	—	0 27	4	27	—	—	—					
Vuvenby.....	51 36	119 45	1450	63 5	—	1	94 0	30-31	37 0	15-29 32 7	1 87	—	0 11	12	19	—	—	—					
North Columbia River																							
Glacier.....	51 14	117 29	4072	57 5	+ 0 5	13	83 0	4-11	36 0	16 23 0	1 8	—	1 05	6	25	—	—	—					
Golden.....	51 0	118 6	1476	63 4	+ 2 1	13	83 0	31	38 0	29 30 2	0 42	—	0 15	4	27	—	—	—					
Revelstoke.....	51 16	116 5	2550	65 1	+ 2 1	14	93 0	4	42 0	29 29 9	0 97	—	1 02	0	25	—	—	—					
North Coast																							
Bella Coola.....	52 40	126 54	150	58 3	— 3 7	17	79 0	1	43 0	29 12 5	3 31	+ 0 64	0 72	14	17	—	—	—					
Prince Rupert.....	54 18	130 18	170	54 9	— 5 6	6	86 0	39	48 0	3-27 8 3	1 25	—	2 00	26	5	—	—	1					
Stewart.....	56 1	130 1	215	53 0	— 5 6	4	73 0	4	36 0	9 14 4	9 06	—	1 28	26	5	—	—	—					
Terrace.....	54 30	128 30	545	53 0	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Welcome Harbour.....	53 55	130 22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Queen Charlotte Islands																							
Ikeda Bay.....	52 17	131 7	5	54 6	—	6	64 0	12	43 0	3 11 8	8 22	—	3 73	14	17	—	—	1					
Massett.....	53 58	132 9	10	56 6	— 0 3	17	71 0	10	45 0	20-31 15 6	0 07	+ 3 18	1 15	22	9	—	—	—					
Yukon Boundary																							
Athol.....	59 35	133 38	2240	50 0	—	8	63 0	10-11	34 0	4-5 15 8	0 66	—	0 15	10	21	—	—	—					
YUKON—																							
Carcross.....	60 11	134 34	2171	50 4	—	7	67 0	10-29	32 0	5 19 1	1 02	—	0 43	11	20	—	—	—					
Dawson.....	64 4	139 29	1200	57 1	— 0 8	13	84 0	16	32 0	3-7 28 1	1 73	+ 0 61	0 39	6	25	—	—	—					
ALBERTA—																							
N. Saskatchewan River																							
Campsie.....	54 8	114 42	—	61 3	—	2	80 2	2	31 6	29 26 1	3 72	—	1 10	12	19	—	9	1					
Coronation.....	55 52	112 17	—	63 7	—	4	88 0	3-19	43 0	28 26 3	1 55	—	0 40	7	24	—	—	—					
Edmonton.....	53 33	113 30	2158	63 5	+ 2 0	31	84 0	3	40 0	29 23 5	3 24	—	0 51	11	20	—	3	5					
Ending.....	52 0	112 0	2795	63 9	—	3	89 0	28	37 0	23 29 2	1 24	—	0 34	5	26	—	—	—					
Halkirk (Emsburg).....	52 17	112 10	—	63 4	—	5	98 0	3	38 0	22 30 6	1 52	—	0 55	10	21	—	2	7					
Lloydminster.....	53 18	110 0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Loveland.....	52 30	111 59	—	65 0	—	5	95 0	31	41 0	29 30 28 1	0 98	—	0 25	6	25	—	—	10					
Ranfurly (Waitefield).....	53 29	113 38	2000	62 9	+ 2 4	10	90 0	30	40 2	29 27 5	1 50	—	0 39	12	19	—	5	9					
Sedgewick.....	52 47	111 41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Sion.....	53 54	114 15	—	62 1	—	2	89 0	3	32 0	19 30 8	3 36	—	0 80	13	18	—	2	16					
Vermilion.....	53 22	110 50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Wastina.....	51 39	111 5	—	65 7	—	2	85 0	27	35 0	22 33 2	0 70	—	0 25	6	25	—	—	—					
Wetaskiwin.....	52 58	113 23	2480	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
The Red Deer River																							
Alix.....	52 24	113 10	2585	64 4	—	10	90 5	4	40 0	15 29 9	1 41	—	0 28	8	23	—	—	3					
Alsask.....	51 38	112 25	—	67 7	—	1	96 0	4	41 0	22 32 1	2 10	—	0 83	7	24	—	—	2					
Clemens.....	51 15	114 44	—	65 8	—	2	95 0	4 28	38 0	21-22 39 2	2 10	—	0 81	7	24	—	—	—					
Delia.....	51 38	112 25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Didsbury.....	51 40	114 8	3300	62 6	+ 0 7	13	88 0	3	40 0	16-21 28 9	1 55	—	0 42	7	21	—	—	—					
Harmattan.....	51 45	114 23	3500	59 5	—	7	88 0	4-20	33 0	22 31 0	1 46	—	0 53	10	21	—	—	—					
Hillsdown.....	52 14	113 29	2940	63 0	+ 2 5	10	89 0	3	42 0	22 27 9	1 86	—	0 80	13	18	—	—	9					
Lacombe (Ex. Farm).....	52 58	113 44	2783	62 3	—	7	87 6	3	39 3	22 28 5	1 11	—	0 26	9	22	—	—	—					
Moose (Tyrol).....	51 15	110 39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Olds.....	51 58	113 5	—	62 3	—	1	91 0	19	34 0	16 30 3	1 22	—	0 42	9	22	—	—	—					
Perbeck.....	51 58	113 5	—	64 7	—	2	92 0	11	39 5	22 31 9	2 12	—	0 51	9	22	—	—	6					
Red Deer.....	52 16	113 49	28 66	61 6	+ 1 9	14	90 0	3	39 0	22 28 2	2 51	—	0 85	10	21	—	—	3					
Springdale.....	52 51	110 12	—	61 0	—	2	88 0	3	35 0	28 30 7	1 70	—	0 63	9	22	—	—	13					
The Bow River																							
Brooks.....	50 34	111 54	—	67 4	—	3	94 0	19	41 0	22 31 4	—	—	—	—	—	—	—	—					
Calgary.....	51 2	114 2	3427	66 5	+ 5 7	30	94 0	31	42 0	16 31 7	2 52	—	1 06	7	24	—	—	3					
Chatesholm.....	50 2	113 35	—	65 2	—	1	98 0	20-31	33 0	21 25 1	0 37	—	0 16	3	28	—	—	—					
Expanse Coulee.....	50 3	—	—	69 3	—	1	99 0	19	36 0	16 36 4	0 59	—	0 2	5	26	—	—	5					
Gleichen.....	50 50	112 54	2052	65 2	+ 3 6	12	90 0	3-31	43 0	22 30 1	1 10	—	1 22	4	27	—	—	—					
High River.....	50 35	113 53	3394	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Lawrence (Parkland).....	50 16	113 26	3500	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Lethbridge (Exp. Farm).....	49 43	112 51	—	67 5	—	7	94 2	31	40 0	16 31 6	0 93	—	0 42	5	28	—	—	—					
Longbrook.....	50 9	—	—	59 9	—	1	89 5	30	30 0	16 35 1	59	—	0 32	3	28	—	—	3					
Macleod.....	49 44	113 21	3128	67 4	+ 2 5	22	98 5	31	42 0	16 17 32 1	0 15	—	1 76	5	15	—	—	1					
Medicine Hat.....	50 1	110 37	2143	75 6	+ 7 4	30	104 0	19	46 0	17-21 34 8	0 34	—	1 53	0	23	—	3	28					
Medicine Hat (Ex Farm).....	50 1	110 37	2143	72 7	—	1	103 0	28	40 0	17 32 7	0 24	—	0 18	2	29	—	—	—					
Okotoks.....	50 43	113 50	—	64 0	—	2	91 0	4	34 5	16 35 3	1 20	—	0 60	7	24	—	—	1					
Pekisko.....	50 20	114 14	—	58 6	—	1	91 0	30	32 0	24 33 6	0 14	—	0 63	5	26	—	—	1					
Panther Creek.....	50 5	111 34	2350	65 8	+ 5 1	16	91 0	30	42 0	16 28 6	0 61	—	2 19	0	25	—	—	4					
Ronolane.....	50 5	111 34	2350	68 4	—	1	99 0	12-19	43 0	1 10 1	0 50	—	0 30	3	28	—	—	1					
Strathmore.....	51 3	113 23	—	64 3	—	2	89 7	34	41 5	21 29 8	2 87	—	0 59	8	13	—	—	—					
Suffield.....	50 13	111 9	—	71 0	—	1	100 0	13	32 0	21 34 0	0 37	—	0 30	4	17	—	—	—					
Sundial.....	50 6	112 34	—	69 5	—	1	96 5	19	43 5	15-23 36 1	0 87	—	0 58	3	28	—	—	—					
Rocky Mountains																							
Banff.....	51 10	115 34	4542	60 8	+ 3 8	19	90 0	31	34 0	16 32 1	1 11	—	1 55	9	12	—	—	7					
Brassau Forest (Coal Spur).....	49 40	114 30	4225	—	—	2	85 0	19-31	—	—	1 09	—	0 91	4	27	—	—	1					
Athabasca River																							
Athabasca Landing.....	54 43	113 17	1650	62 2	+ 3 0	12	85 0	1	35 0	29 27 0	0 82	—	0 49	8	13	—	—	4					
Edson.....	53 33	116 25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Jasper.....	54 33	114 19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Lunnford.....	54 12	114 0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Pembina.....	54 12	114 0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Peace River																							
Beaver Lodge.....	55 2	119 24	—	56 8	—	2	83 0	1	27 0	28 29 1	1 52	—	0 22	8	23	—	—	6					
Onyvegan.....	55 56	118 35	1305	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
Fort Vermilion.....	58 27	116 3	—	6																			

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JULY, 1914.

*Stations not furnished with Registering Thermometers.

STATION	Latitude N.	Longitude W.	Elevation above sea level, in feet.	TEMPERATURE.							PRECIPITATION.							
				Mean.	Difference from average.	Yr's observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from average.	Heaviest fall in month.	Days with .01 or more.	No. of fair days.	No. of Auroras.	No. of thunderstorms.	No. of fcs.
SASKATCHEWAN—																		
Qu'Appelle River																		
Broadview.....	50 23	102 33	1960															
Brownhill (Grenfell P.O.)...	50 23	102 53	1957	69.4	+ 7.2	22	102.0	27	41.0	17	29.9	3.14	+0.19	1.20	8	23	2	
Buchanan.....	51 42	102 45																
Crescent Lake.....	50 59	102 25	1658	67.6	+ 6.2	10	97.1	28	43.0	17	27.5	1.46	-1.77	0.25	11	20		7
Estevan.....	50 59	103	1858	71.3	+ 6.4	11	99.0	27	41.0	16	29.0	1.57	-0.01	0.85	4	27	1	
Fort Qu'Appelle.....	50 47	103 47		70.3	—	3	103.8	27	42.8	17	29.5	0.42	—	0.75	6	25		2
Hubbard (Drumague).....	51 5	103 24		67.4	—	7	99.0	27	43.0	22-23	26.1	0.91	—	0.41	4	27		
Humboldt.....	51 5	105 9		67.1	—	5	98.0	28	41.0	23	30.0	1.37	—	1.00	4	27		
Imperial.....	52 12	105 23		68.9	—	3	98.0	27	42.0	22	30.3	1.80	—	0.72	4	27		2
Indian Head.....	51 22	103 40	1924	69.8	+ 5.2	24	100.0	27	42.0	16	29.2	1.50	-0.96	0.88	3	28		
Kamsack.....	51 30	101 52		69.0	—	3	95.0	26	41.0	6-16	28.4	0.58	—	0.26	6	25		
Manor.....	49 43	102 2	2064	66.6	—	5	97.0	28	40.0	22	28.3	2.53	—	0.74	7	24		
Moose Jaw.....	50 21	105 35	1759	72.1	+ 8.3	19	101.5	27	44.0	23	30.8	1.88	-1.55	0.76	5	26	1	2
Moosomin.....	50 0	101 37	1884															
Muenster (St. Peter's Mon.)	52 0	105 0	1870	69.6	—	9	91.0	27-28	43.0	1	28.3	1.80	—	1.20	6	25		5
Pense (Gatesgarth).....	50 20	105 0	1879	70.0	+ 6.2	19	99.0	27	39.0	17	30.3	1.92	+0.42	0.86	6	25		6
Pilger.....	52 25	105 9		67.5	—	3	98.0	27	40.0	23	29.2	1.26	—	0.59	10	21		
Qu'Appelle.....	50 30	103 47	2115	69.5	+ 5.6	29	97.0	27	42.0	17	25.8	4.76	+2.65	3.10	13	18	2	7
Regina.....	50 27	104 37	1885	70.2	+ 5.5	30	98.0	27	39.0	22	28.9	1.29	+0.32	0.61	7	24		
Stoney View.....				69.4	—	1	99.8	27	40.2	23	35.1	1.87	—	1.12	3	28		
Whitewood.....				67.8	—	1	95.0	27	40.0	17	27.5	3.02	—	1.34	9	22		6
Yarbo (Fairfield).....	50 39	102 4		65.7	—	7	102.5	26	12.0	24	31.0	3.29	—	1.01	6	25		1
Yellow Grns.....	49 49	104 9		70.4	—	3	102.0	27	41.0	17	32.0	1.70	—	0.43	9	22	1	3
Yorkton.....	51 11	102 29		69.8	—	6	99.0	28	44.0	17	29.0	1.23	—	0.23	9	22		
S. Saskatchewan River																		
Chaplin.....	50 26	106 39	2202	70.4	+ 4.3	29	99.0	27	43.0	17-18	30.7	0.39	-1.86	0.15	10	21	3	7
Kindersley.....	51 28	109 9		68.2	—	2	98.0	28	40.0	22	30.2	0.51	—	0.28	6	25		3
Kintonel (Divide).....	49 38	108 53	3500	64.5	—	5	96.4	13	33.2	18	36.5	0.24	—	0.18	2	29		1
Kelvinhurst (Nashlyn).....	51 46	108 10																
Larchmount (Pambrum).....	49 21	109 29	2500	69.4	—	4	99.5	3	37.0	17	37.1	0.69	—	0.28	8	23	4	1
Rathmullen.....	51 20	108 57		69.1	—	5	100.0	28	42.7	6	31.3	0.91	—	0.34	4	26		3
Swift Current.....	50 20	107 45	2429	72.5	+ 6.8	28	101.0	27	40.0	18	36.0	0.76	-1.75	0.34	11	20	1	7
N. Saskatchewan River																		
Anglia.....	51 55	101 10		69.1	—	2	102.0	27	41.0	23	33.6	1.12	—	0.85	3	28	10	4
Battleford.....	52 41	108 20	1620	69.5	+ 5.5	24	96.0	27	47.0	23	28.0	1.28	-0.83	0.51	7	24		
Lloydminster.....	53 18	110 0																
Luseland.....	52 5	109 34																
Meadow River.....				67.7	—	1	50.0	11-13	40.0	28	28.8	—	—	—	—	—	—	
Onion Lake.....	53 62	109 59		63.0	—	8	85.9	4-31	41.0	24	23.7	—	—	—	—	—	—	
Prince (Meota).....	51 0	108 20	1700															
St. Walburg.....	53 36	109 9		61.4	—	2	85.6	27	34.0	23	30.1	0.65	—	0.36	3	28	1	
Scott (Ex. Farm).....	51 59	109 30		67.1	—	4	96.8	27	35.0	15	35.0	1.80	—	0.95	7	24		2
Waseca.....	53 6	109 29		64.9	—	7	92.0	3	41.0	6	27.7	0.22	—	0.22	1	30	2	
The Saskatchewan Forks																		
Halcyonia.....	52 30	107 5	1800	68.4	—	1	97.0	12	41.0	22-23	32.8	0.65	—	0.19	8	23	2	9
Melfort.....	52 47	104 30		67.8	—	7	96.0	27	39.0	23-30	29.4	1.59	—	1.06	6	25		3
Prince Albert.....	53 10	106 0	1432	67.1	+ 5.9	28	93.0	12	45.0	23	22.3	1.15	-1.27	0.61	9	22		6
Rosthern.....	52 40	106 20	1657	67.5	—	4	93.8	28	41.2	23	28.5	1.40	—	0.53	8	23		2
Saskatoon.....	52 15	106 30	1571	69.7	+ 6.8	15	99.0	28	43.2	23	28.1	0.85	-1.69	0.34	7	24		4
Lower Saskatchewan River																		
Lost River.....	53 17	104 21		66.3	—	3	93.0	28	42.0	23-24	25.6	2.21	—	1.17	8	23		5
MANITOBA—																		
Qu'Appelle and Assiniboine Rivers																		
Bolshevik.....	50 25	101 1	1703	72.1	—	3	100.0	28	44.0	17	27.0	1.90	—	0.35	11	20		
Brandon.....	49 51	99 57	1176	70.4	+ 6.2	48	101.5	27	42.5	22	25.8	1.87	+0.00	0.73	7	24		4
Carman.....	49 31	98 0	872															
Cypress River.....	49 33	99 3	1232	71.2	—	9	99.0	28	43.0	22	29.3	1.42	—	0.70	7	24		
Hillview.....	49 55	100 33	1400	69.6	+ 4.7	28	96.0	27-28	44.0	17	25.7	2.64	-0.08	0.70	9	22		4
Minnedosa.....	50 15	99 50	1699	70.6	+ 6.8	31	93.0	27	42.5	22	28.1	2.23	-0.41	0.74	14	17		9
Ninette.....	49 24	99 38	1363	74.2	—	3	101.0	27	59.0	16	23.5	—	—	—	—	—		3
Ninga.....	49 14	99 51	1649	71.2	—	4	97.0	27	46.0	16-21	22.5	1.37	—	0.60	6	25		
Pierson.....	49 11	101 5	1531	69.6	—	9	99.5	28	41.0	17	29.2	2.08	—	0.65	7	24		
Pipestone.....	49 34	100 58	1460															
Portage la Prairie.....	49 57	98 17		72.5	+ 8.2	28	98.3	6	46.0	7	24.9	2.40	-0.42	1.25	7	24		
Portage la Prairie (2).....	49 56	98 17		71.7	—	7	95.0	6-28	47.0	18	24.5	1.06	—	0.47	11	20		
Russell.....	50 59	101 20		68.4	+ 6.2	21	94.0	28	49.0	17	21.1	2.99	+1.90	1.39	14	17		
St. Alban's (Trebank).....	49 42	99 33	1180	74.6	+ 6.0	29	107.0	27	43.0	22	32.1	1.69	-1.30	0.75	11	20	5	1
Souris.....	49 37	100 14																
Treherne.....	49 36	98 40	1212	73.0	+ 9.0	18	98.0	27	45.0	7	27.2	1.42	-0.79	0.43	9	22		6
Virden.....	49 51	100 55	1444	70.6	+ 7.9	13	100.0	28	42.0	17	27.9	1.40	—	0.50	4	27		
The Red River																		
Almasippi.....	49 14	99 20		72.1	+ 7.0	19	99.0	27	44.0	22	29.2	2.81	+0.87	0.76	9	22		10
Morden.....	49 11	98 6	978	72.3	+ 5.8	10	100.0	28	46.0	7	25.2	1.31	-1.53	0.37	7	24	2	11
Oak Bank.....	49 57	96 42	800	69.7	+ 5.6	19	92.5	5	47.5	22	23.0	5.55	+2.48	3.87	10	21		7
Selkirk.....																		
Stony Mountain.....	50 40	97 14	803	71.1	+ 6.0	34	97.0	5	43.0	7	30.5	3.15	+0.29	1.50	4	27		
Winnipeg.....	49 53	97 7	760	72.3	+ 6.3	41	94.4	5	47.3	17	23.3	7.14	+3.81	5.26	10	21	1	6

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JULY, 1914.

* Stations not furnished with Registering Thermometers.

STATION.	Latitude N.	Longitude W.	Elevation above sea level, in feet.	TEMPERATURE.							PRECIPITATION			Days with .01 or more.	No. of fair days	No. of auroras	No. of thunderstorms	No. of logs	
				Mean.	Difference from average	Yr's of observations	Highest	Date	Lowest.	Date	Mean daily range	Amount	Difference from average						Heaviest fall in month.
MANITOBA—Continued																			
Dauphin Lake and River																			
Berens River.....	52 18	97 23	710	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Dauphin.....	51 8	100 2	957	—	—	4	95.0	27	—	—	—	3.27	—	0.68	5	23	—	1	
Moose Horn Bay (Atkinsville).....	51 15	99 33	810	68.8	—	5	92.0	28	35.9	7	22.9	2.93	—	0.68	16	15	1	7	
Swan Lake.....	—	—	—	71.0	—	1	97.0	27	40.0	22	26.9	1.04	—	0.44	6	25	—	—	
Lake Winnipegosis.																			
Le Pas.....	52 6	101 15	1112	69.6	—	5	92.0	28	34.0	15	24.7	2.78	—	1.20	12	19	—	—	
ONTARIO—																			
The Lake Superior Districts																			
Rainy River																			
Dryden.....	—	—	—	68.1	—	1	89.0	6	36.0	18	22.7	3.41	—	0.72	13	18	1	2	
Fort Frances.....	48 36	93 25	—	72.2	—	1	98.0	15	50.0	1-2	25.6	2.71	—	0.80	8	23	—	—	
Ignace.....	—	—	—	67.4	—	1	89.0	12	40.0	8	24.4	2.87	—	0.52	12	19	—	6	
Kenora.....	49 48	9 32	1102	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rainy River.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Shoal Lake.....	49 37	95 6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sioux Lookout.....	—	—	—	66.0	—	1	91.0	6	35.0	3	28.9	4.28	—	1.70	9	22	5	10	
Thunder Bay																			
Heron Bay.....	48 18	86 16	—	58.3	-0.7	16	84.0	13	29.0	19	24.8	3.71	+1.62	1.31	8	23	—	—	
Kakabeka Falls.....	48 29	89 26	912	63.8	—	6	89.0	24	57.0	18	31.0	4.31	—	1.17	12	19	2	10	
Nipigon.....	—	—	—	64.9	+2.1	13	89.0	14	36.0	18	29.3	3.34	—	1.60	14	17	—	4	
Oscar.....	—	—	—	59.6	—	1	87.0	27	32.0	18	22.0	2.66	—	1.19	9	22	—	—	
Port Arthur.....	48 27	89 12	644	63.5	+1.3	34	88.0	20	41.0	18	20.6	2.20	-1.13	0.58	13	18	—	8	
Savanne.....	48 55	90 18	1506	63.4	-2.3	13	92.0	6	33.0	29	30.7	2.29	-1.41	1.50	4	27	—	4	
Schreiber.....	48 59	87 15	933	62.1	+0.8	15	86.0	11	35.0	19	27.3	2.93	—	1.02	11	20	2	4	
Algoma																			
Bisco.....	47 40	82 11	1333	64.1	—	1	90.0	16	34.0	19	25.5	2.43	—	0.44	10	21	—	1	
Bruce Mines.....	46 18	83 55	595	—	—	16	—	—	—	—	—	—	—	—	—	—	—	—	
Chapleau.....	47 48	83 28	—	64.6	—	1	90.0	15	34.0	19	28.6	1.64	—	0.86	7	24	—	—	
Copper Cliff.....	46 30	80 59	—	—	—	7	—	—	—	—	—	—	—	—	—	—	—	—	
Grasset.....	48 29	84 20	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	
Porcupine.....	45 40	82 14	—	66.3	—	3	97.0	16	34.0	19	28.3	0.84	—	0.35	6	25	—	—	
Providence Bay.....	48 35	85 16	1252	62.7	—	4	90.0	16	42.0	1-2	27.0	1.74	—	0.75	5	26	—	—	
Timmins (Wawa Falls).....	48 40	81 30	885	63.6	—	2	93.0	15	32.0	19	29.7	1.46	—	0.52	8	23	—	3	
Turbine.....	46 18	81 35	685	64.7	—	1	92.0	14	32.2	29	32.3	0.83	—	0.30	8	23	—	—	
White River.....	48 35	85 16	1248	61.6	+1.2	24	90.5	14	28.0	18-19	34.8	1.33	-1.34	0.61	8	23	—	—	
Nipissing																			
Cochrane.....	49 2	81 0	944	65.0	—	3	95.0	15	37.0	8	28.6	1.71	—	0.42	9	22	—	1	
Haileybury.....	47 29	79 39	687	66.4	+0.2	23	92.7	15	11.3	19	23.3	1.45	-1.82	0.44	11	20	6	3	
Iroquois Falls.....	48 45	80 40	850	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	
Montreal River.....	47 8	79 29	—	63.3	—	4	94.0	14	37.0	20-30	34.0	1.26	—	0.46	6	25	—	—	
Upper Ottawa River																			
Rutherford (Lake Talon).....	46 15	74 48	—	64.6	-1.0	20	94.2	14	37.0	30	34.3	0.93	-2.38	0.52	6	25	1	4	
Stoness Cliff (Rockcliffe).....	46 9	78 6	557	66.0	+0.0	27	92.0	15	40.0	20	25.7	1.52	-1.79	0.54	8	23	—	4	
Upper St. Lawrence and Lower Ottawa Rivers																			
Almonte.....	45 12	76 13	390	66.9	—	3	91.0	15	12.0	20	24.4	2.26	—	0.69	7	24	—	2	
Bloomfield.....	43 59	77 21	260	69.1	-0.6	14	89.0	18	47.0	1	21.2	1.08	-1.47	0.76	5	26	—	—	
Hillier.....	—	—	—	69.3	—	3	88.0	9	47.0	4	18.1	1.10	—	0.70	3	23	—	—	
Kingston.....	44 13	76 29	285	70.5	+2.7	40	86.0	13	49.5	22	12.6	0.58	-1.88	0.71	8	23	—	4	
Montague.....	44 56	75 57	—	67.5	—	5	89.0	10	40.0	20	25.2	1.95	—	0.84	7	24	2	4	
Morrisburg.....	41 56	75 12	—	64.5	—	2	89.0	14	38.0	22	25.6	2.3	—	0.88	6	25	—	3	
North Gower.....	45 8	75 43	—	68.5	-1.3	11	95.0	11	40.0	12-29	27.6	—	—	—	—	—	4	2	
Ottawa.....	45 26	75 42	294	67.4	-2.3	31	88.0	16	17	46.0	—	2.35	-1.75	0.73	9	22	—	5	
Renfrew.....	45 26	76 39	416	68.0	-0.6	25	90.0	14-17	43.0	30	26.3	1.42	-3.72	0.46	6	25	—	1	
Georgian Bay Counties																			
Barrie.....	44 23	79 41	339	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Beattie.....	45 8	79 20	800	65.1	+0.4	39	85.0	16	43.0	20	22.6	1.34	-1.28	0.63	8	23	—	1	
Big Chute (Buskirk P.O.).....	44 42	79 38	655	69.1	—	2	92.0	15	46.0	18	21.8	0.66	—	0.25	4	27	—	1	
Coldwater.....	41 38	79 40	600	64.9	-1.8	25	90.0	16	35.0	20	30.2	0.10	-2.38	0.24	4	27	—	—	
Collingwood.....	44 31	80 2	—	61.1	-4.6	21	89.0	23	47.0	30	17.8	1.14	-0.70	0.35	8	23	—	—	
Gravenhurst.....	44 54	79 20	—	66.8	-0.2	42	88.0	17	39.0	1	27.9	1.23	-1.17	0.66	8	22	1	4	
Huntsville.....	45 19	79 8	—	65.7	—	8	89.0	16	41.0	30	27.1	—	—	—	—	—	—	—	
Markdale.....	44 36	80 36	—	61.4	—	3	89.0	23	41.0	20	23.2	2.05	—	1.15	6	25	—	1	
Meaford.....	41 19	80 30	—	—	—	7	—	—	—	—	—	—	—	—	—	—	—	—	
Midland.....	44 44	79 53	750	67.8	—	7	85.0	16	38.0	11	—	2.06	—	0.66	8	24	—	—	
Orillia.....	41 37	79 24	775	68.2	-2.1	18	90.0	11-16	45.0	1-2	23.1	1.70	-1.08	0.65	6	25	—	—	
Owen Sound.....	41 34	80 55	597	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Parry Sound.....	45 19	80 0	635	67.5	+0.9	39	92.0	16	45.0	1	23.7	1.05	-2.08	0.65	9	22	—	2	
Ronville.....	45 15	78 57	1038	62.7	—	7	87.0	14	39.0	3	31.9	0.34	—	0.23	6	25	—	—	
Sundridge.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tobermory.....	—	—	—	66.3	—	1	84.0	4	47.0	1	15.9	1.62	—	0.82	4	27	—	—	
Lake Huron Counties																			
Biram.....	43 2	80 55	800	69.0	+0.5	31	89.0	26	45.0	4	20.6	1.64	1.26	0.75	3	28	—	3	
Brucefield (Clinton).....	43 32	8 37	—	66.7	-0.2	11	90.0	23	41.0	10	21.0	1.48	-2.26	0.41	7	24	—	2	
Lucknow.....	43 56	8 30	908	55.8	-2.0	28	89.0	22	40.0	20	25.3	1.32	-1.51	0.30	7	24	3	2	
*North Bruce.....	44 23	81 25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ridgester (Goderich).....	43 45	81 41	—	66.4	-1.9	24	88.0	23	49.0	20	17.8	1.77	-0.13	0.57	6	25	—	—	
Southampton.....	44 30	81 21	656	65.4	-0.6	38	85.4	16	44.8	23	16.8	1.77	-0.51	0.69	7	24	1	1	

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JULY, 1914.

* Stations not furnished with Registering Thermometers.

STATION	Latitude N.	Longitude W.	Elevation above sea level in feet.	TEMPERATURE							PRECIPITATION					Days with 01 or more.	No. of fair days.	No. of auroras.	No. of thunderstorms.	No. of fogs.						
				Mean.	Difference from average.	Yr's Observations	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from Average.	Heaviest fall in month.												
ONTARIO—Continued—																										
Lakes St. Clair & Erie, Niagara Peninsula																										
Chatham.....	42 23 82 12		585	69.7	— 2.0	29	93.0	11	42.0	3	27.3	2.19	—0.78	1.40	4	27	..	..						
Cottam.....	42 7 82 15		908	70.2	—	27	94.0	11	47.0	4	24.3	2.40	—0.89	0.87	4	27	..	4								
Dutton.....	42 40 81 32			71.9	—	5	95.0	11	52.0	18	29.4	1.06	—	0.73	6	25	..	..						
Grimsby.....	43 13 79 36																									
Pelee Island.....	41 50 82 35		585	68.9	+ 0.8	11	81.0	11	50.0	19-29	17.5	1.71	—0.97	0.99	3	24	..	1								
Port Burwell.....	42 39 80 55		592	69.5	+ 0.6	39	92.0	11	49.0	20	20.0	0.87	—2.25	0.46	7	24	..	..						
Port Dover.....	42 27 80 13		635	68.9	+ 0.2	40	89.2	11-21	48.2	4	19.0	3.36	+0.00	1.64	8	23	..	..						
Port Stanley.....	42 40 81 13		592																							
St. Catharines.....	43 9 79 17		347																							
Stoney Creek.....	43 13 79 45		292	69.9	— 1.4	31	92.0	11	49.0	20	20.2	1.13	—1.97	0.49	5	26	..	..						
Wallaceburg.....	42 55 82 24			70.8	—	9	90.0	9	48.0	3	22.6	2.15	—	1.02	6	25	..	..						
Welland.....	42 59 79 17		577	72.9	+ 1.8	28	91.0	16	54.0	19	19.6	1.04	—1.05	0.34	8	23	..	..						
Windsor.....	42 20 83 4		625	71.8	— 0.9	29	91.0	23	52.0	19	17.9	1.67	—0.75	0.94	5	26	..	..						
West-Central Counties																										
Alton.....	43 51 80 5		1250	68.2	+ 1.7	27	90.0	17	41.6	20	25.0	0.71	—2.88	0.37	4	27	..	1								
Brantford.....	43 10 80 21		750	70.6	+ 0.3	26	94.0	26	46.0	19	26.9	0.84	—1.54	0.42	6	25	1	..								
Elora.....	43 41 80 24		1274	68.4	+ 1.9	17	92.0	11	39.0	20	28.6	0.80	—2.06	0.28	6	25	..	..						
Guelph.....	43 33 80 16		1050	69.1	+ 1.1	28	90.5	11	43.0	20	23.1	1.23	—1.34	0.27	10	21	..	..						
Listowel.....	43 44 80 58		1262	67.5	+ 0.7	15	80.0	16-26	44.0	19	24.2	1.51	—1.43	0.58	4	27	..	..						
London.....	42 59 81 13		808	69.2	+ 0.1	30	91.0	16	45.0	30	25.7	1.90	—0.54	0.89	9	26	..	1								
Paris.....	43 12 80 25		810	70.6	+ 0.8	25	92.0	22	48.0	30	24.9	0.50	—1.96	0.36	3	28	..	..						
Steeleburne.....	44 5 80 47																									
Stratford.....	43 23 81 0		1191																							
Woodstock.....	43 8 80 47		980	67.8	— 0.7	40	86.0	11-26	46.6	19	20.8	1.07	—2.37	0.52	7	24	..	..						
Lake Ontario Counties																										
Agincourt.....	43 47 79 16		590	70.3	+ 0.9	18	94.0	16	46.0	20	24.7	0.78	—1.45	0.25	8	23	..	1								
Aurora.....	43 57 79 24		886																							
Georgetown.....	43 38 80 2			68.4	—	1	89.0	11	17.0	20	24.4	0.61	—2.39	0.28	8	23	..	1								
Hamilton.....	43 16 79 54		303	71.0	— 1.0	30	95.0	11	52.0	19	14.1	0.30	—2.83	0.30	1	30	..	..						
Oshawa.....	43 53 78 52		331	68.7	—	5	90.0	12	49.0	1-20	21.5	0.87	—	0.65	6	25	..	..						
Toronto.....	43 49 79 24		350	70.4	+ 1.3	73	92.6	11	47.9	20	20.4	1.00	—1.93	0.34	12	19	..	..						
Toronto Is. (Lakeside Home)	43 49 79 24			69.2	+ 3.0	10	94.0	11	50.0	20	18.4															
Uxbridge.....	44 5 79 8		886	68.6	+ 0.6	10	89.0	9-16	43.0	20-30	24.5	0.92	—2.99	0.50	5	26	..	..						
Wexford.....	43 44 79 17		555	67.6	—	3	92.0	17	45.0	20	18.2	0.73	—	0.29	7	24	..	..						
East-Central Counties																										
Bancroft.....	45 1 77 50			65.1	+ 1.0	23	89.0	16	40.0	28	27.4	0.67	—2.53	0.67	1	30	..	..						
Haldimont.....	45 1 78 28		1050	66.1	+ 0.8	27	93.0	16	37.0	30	30.3	0.49	—2.77	0.25	3	28	..	..						
Kilmount.....	44 15 78 38		920	65.1	+ 0.1	15	89.0	16	38.0	19	27.5	0.87	—3.02	0.40	7	24	..	..						
Lakefield.....	44 25 78 15		850	69.4	+ 0.0	27	89.0	8	49.0	2	18.6	0.14	—2.63	0.45	6	25	..	..						
Lindsay.....	44 20 78 45		872	68.7	+ 1.5	35	91.4	16	42.8	20	25.5	1.44	—1.06	0.67	9	22	..	1								
Madoc.....	44 30 77 29		575	68.7	+ 0.0	19	92.0	16	39.0	31	22.8	1.03	—1.68	0.63	6	25	..	..						
Norwood.....	44 24 77 57			67.3	—	2	93.0	12	42.0	20	22.8	4.56	—	1.90	8	23	..	..						
Peterboro.....	44 17 78 19		722	69.2	— 0.8	44	92.0	11	40.0	20	25.0	0.77	—1.93	0.53	5	26	..	..						
Ursa.....	44 54 78 18																									
QUEBEC—																										
Middle St. Lawrence																										
Bark Lake Depot..	46 30 75 20			65.6	—	1	96.0	14	40.0	30	29.1	2.02	—	0.90	6	25	..	..						
Beauceville.....	46 11 70 48		557	62.9	—	1	90.0	17	41.0	22	23.1	2.34	—	0.73	10	21	..	9								
Brome.....	45 19 72 36		678	64.1	— 1.4	31	89.0	15-17	36.0	22	22.3	1.40	—2.83	0.33	10	21	..	..						
Cap Rouge.....	46 16 71 18			61.5	—	4	89.0	17	45.0	22-30	21.1	1.66	—	0.58	11	20	..	..						
Cedar Rapids.....	45 21 74 5		132									2.88	—	0.83	11	17	..	..						
D'Arach.....	45 55 71 21		896									1.52	—	0.41	8	23	..	..						
Drummondville.....	44 30 72 30			65.0	—	1	88.0	6	40.0	22	24.3	0.82	—	0.42	4	27	..	..						
Haberdau.....	45 59 74 41		990	64.2	—	1	91.0	15	38.9	22		2.13	—	1.17	10	21	1	..								
Huntingdon.....	45 5 74 10											1.25	—	0.35	5	26	..	..						
Joliette.....	46 2 73 25											2.19	—	1.10	9	22	..	..						
Lake Megantic.....	45 35 70 53		1314	61.6	—	1	86.0	16	12.0	21	19.7	3.33	—	0.81	12	19	..	..						
MacDonald College (Ste Anne de Bellevue)	45 27 73 59			62.1	—	8	88.0	16-17	23.0	3	31.1	2.95	—	0.80	8	23	..	..						
Maniwaki.....	45 30 73 35		187	68.3	— 0.7	49	91.0	17	49.5	1	18.9	0.96	—3.00	0.35	8	23	..	2								
Montreal.....	46 15 72 36			69.6	—	1	90.0	17	39.0	2	18.8	3.03	—	1.90	7	24	..	..						
Nicolet.....	46 27 75 0			64.3	—	1	83.0	14	39.0	22	24.2	1.88	—	0.86	7	24	..	..						
Northington.....	46 48 71 13		296	66.5	+ 0.1	40	91.5	16	45.5	22	22.3	1.18	—2.35	0.31	8	23	3	..								
Sorel.....	45 54 73 47			65.9	—	1	90.0	17	42.0	31	20.7	1.93	—	0.55	12	19	..	..						
St. Lin.....	45 43 73 47			61.5	—	1	89.0	15-16	42.0	21-29	21.3	1.80	—	0.85	13	18	..	..						
Shawbridge.....	46 34 72 43																									
Shawburg Falls.....	46 34 72 43			61.3	— 4.5	12	88.0	16	39.0	22	24.6	2.19	—0.86	1.17	12	19	..	..						
Sherbrooke.....	45 24 71 53		620			12																				
Lower St. Lawrence & Gulf																										
*Anticosti, E. Pt.	49 6 61 42		30	55.7	+ 0.8	32	66.0	25	45.0	1	—	1.52	—1.42	0.61	4	27	..	8								
*Anticosti, S.W. Pt.	49 24 63 33			55.9	— 1.6	33	72.0	8	36.0	2	17.6	0.72	—2.63	0.32	9	22	..	3								
*Anticosti, W. Pt.	49 52 64 32		30	57.4	— 0.9	32	78.0	17	45.0	1	—	0.59	—2.76	0.25	8	23	..	1								
*Barquet.....	48 25 68 53			65.1	+ 1.4	32	90.0	17	42.0	1	—	1.15	—1.85	0.50	3	28	..	..						
*Cape Chatte.....	49 6 66 45			60.6	+ 0.0	35	89.0	16	52.0	1	—	2.91	+0.03	0.65	7	24	..	..						
*Cape Magdalen.....	49 16 65 20		93	69.3	+ 0.2	32	85.0	17	45.0	1	—	1.73	—1.24	0.83	6	25	2	..								
Cumpepoc.....	48 21 67 12		450	62.1	—	1	91.0	16	37.0	30	29.2	3.28	—	0.73	9	22	2	..								
Fort Point.....	48 31 68 19		20	58.7	+ 0.8	37	90.0	17	34.6	1	15.2	2.02	—0.82	0.66	9	22	..	..						
Ste Anne de la Poutiere	47 22 70 2		65	62.7	—	1	91.0	14	36.0	9	30.3	0.64	—	0.42	3	28	..	..						
Tadoussac.....	48 10 69 47			61.2	—	1	87.0	16	40.0	1	20.0	1.12	—	0.46	8	23	1	..								

STATION	Latitude		Longitude	Elevation above sea level, in feet	TEMPERATURE							PRECIPITATION			Days with 01 or more	No. of fair days	No. of auroras	No. of thunderstorms	No. of fogs		
	°	'			Mean	Difference from average.	Yr's Observations	Highest	Date	Lowest	Date	Mean daily range	Amount	Difference from average						Heaviest fall in month	
QUEBEC—Continued																					
Lake St. John	48	25	71	5	150	66.3	+ 1.9	29	98.0	16	41.0	30	26.6	1.22	-2.61	0.43	13	18	2	1	7
Chicoutimi.....	48	25	71	5	.....	*57.7	—	4	76.0	17	40.0	30	10.5	—	—	—	11	20	.....	.....
Chicoutimi (2).....	48	23	74	18	1288	69.1	—	3	99.0	7	35.0	30	24.6	2.16	—	0.70	.....	.....	.....	.....
La Loutre Rapids.....	47	30	72	15	1333	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lake Edward.....	47	27	72	48	520	65.1	—	3	95.0	15	42.0	30	25.2	3.13	—	1.17	8	23	.....	5	6
La Taque.....	48	51	72	15	360	63.7	—	3	91.0	17	43.0	26	24.8	1.38	—	0.41	12	19	1	3	2
Mistassini.....	48	31	72	13	352	65.3	—	8	97.0	16	42.0	10	22.6	0.89	—	0.19	15	16	.....	.....	.....
Roberval.....	48	31	72	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
The Northwestern Districts																					
Abitibi.....	48	33	70	22	.....	65.8	+ 1.7	12	90.0	14-15	38.0	19	23.0	1.98	-0.79	0.74	6	25	.....	3	.....
Amos.....	48	36	78	7	.....	61.9	—	2	93.0	15	34.0	20	30.4	2.18	—	1.04	8	23	1	.....	.....
Quinze Dam.....	47	34	79	16	.....	64.8	—	1	96.0	15	39.0	27	28.9	2.37	—	0.85	6	25	.....	.....	.....
Temiskaming.....	46	44	79	7	.....	70.8	—	2	100.0	15	40.0	20	30.0	1.40	—	0.36	9	22	.....	.....	.....
Ville Marie.....	47	55	79	25	.....	65.4	—	1	94.0	14	32.9	2	35.7	1.00	—	0.50	3	28	.....	.....	3
White Shore Lake.....	48	12	75	43	1394	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
The North Shore																					
Clarke City.....	50	10	66	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
NEW BRUNSWICK—																					
Chatham.....	47	3	65	29	21	65.8	- 0.9	40	90.0	14	42.5	10	24.2	2.07	-1.65	0.30	15	16	.....	2	.....
Dalhousie.....	48	4	66	22	39	63.6	+ 0.9	34	90.0	6	42.0	24	28.1	12.20	-1.10	0.90	7	24	.....	.....	.....
Edmundston.....	45	57	66	36	164	63.7	-2.3	40	89.0	15	40.0	2	26.6	12.37	-1.25	1.02	10	21	.....	8	2
Fredericton.....	45	57	66	36	106	64.2	—	1	89.0	16	40.0	2	26.9	12.59	—	0.75	8	23	.....	1	6
Fredericton (Exp. Farm).....	47	2	67	44	.....	68.2	—	1	85.0	17	49.0	3	18.2	12.27	—	1.11	6	25	.....	.....	.....

* Temperature at Chieffontini (?) regarded as impossible; maximum thermometer appears to be consistently 17 degrees too low, while minimum is correct.

PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING JULY, 1914.

STATIONS.	RAINFALL.					SNOWFALL.				REMARKS
	Amount in inches.	No. of Days .01 or over.	No. of Fair Days.	Heaviest Fall in Month.	Date.	Amount in inches.	No. of Days.	Heaviest Fall in Month.	Date.	
BRITISH COLUMBIA—										
Alkali Lake.....	0.72	5	26	0.23	13					
Annis (Canoe Point).....	0.05	1	30	0.05	24					
Beaver Lake (Royal Oak).....	0.77	4	27	0.40	14					
Coquitlam.....	0.36	1	30	0.36	24					
Deanman's Island.....	1.59	12	19	—	—					
Ferguson.....	0.22	3	28	0.14	25					
Goldstream Lake.....	0.27	3	28	0.24	24					
Hornby Island.....										
Hydraulic.....	1.46	7	24	0.49	4					
Invermere.....	0.32	3	28	0.25	25					
Jordaa River.....	0.33	4	27	0.19	25					
Jordaa River (Bear Creek).....	0.07	1	30	0.07	24					
Little Qualicum (Fr. Cr. V.I.).....	1.09	5	26	0.50	14					
Lumby.....	9.79	29	2	2.15	22					
Nana Harbour.....	0.36	3	28	0.16	13					
Rock Creek.....	2.05	2	29	0.03	26					
Sooke Lake.....										
Stamp Falls (Alberni).....	0.95	1	28	0.56	14					
Wychffe.....										
ALBERTA—										
Bardo.....	1.39	7	24	0.38	5					
Beaver Mines.....	2.64	7	24	0.29	5					
Bismark.....	1.68	9	22	0.45	5					
Bitter Lake.....										
Brooks.....										
Bruderheim.....	1.32	3	28	0.92	13					
Caldwell.....	0.40	3	28	0.15	5					
Clareholme.....	0.55	3	28	0.45	4					
Clariada.....	0.97	4	27	0.26	13					
Coleman.....										
Conjuring Creek.....	0.95	3	28	0.53	13					
Cree Bank Ranch (Cowley).....										
Dorealee (Bashaw).....	3.31	13	18	0.69	19					
Dunstable (Five Lakes).....	0.00	0	31	0.00	—					
Grassy Lake.....	1.83	3	28	0.95	5					
Jumping Pound.....	0.20	6	26	0.06	6					
La Pearl.....	0.47	4	27	0.22	6					
Lathbridge.....	0.63	1	30	0.53	7					
Linham.....	0.40	2	29	0.27	5					
Lyndon.....										
Macleod.....	0.81	4	27	0.44	4					
Mayercroft.....	1.04	2	29	0.70	13					
Mountaia View.....	1.36	6	25	0.71	5					
Nanton.....	0.87	3	28	0.48	13					
Nateby.....										
Pekisko.....	1.97	7	24	0.45	4					
Ponoka.....	1.67	3	28	1.43	14					
Roycroft Ranch (Mannville).....	0.22	3	28	0.10	15					
Seven Persons.....	0.64	3	28	0.56	5					
Waterton Mills.....										
SASKATCHEWAN—										
Gull Lake.....	0.19	2	29	0.17	10					
Gull Lake (Eks. Swift Cur.).....	0.33	4	27	0.10	6					
Wapashoe.....	0.34	4	27	0.22	16					
MANITOBA—										
Cartwright.....										
Deloraine.....	1.30	8	23	0.35	12					
Rapid City.....	3.06	7	24	1.64	12					
ONTARIO—										
Bow Park Farm (Brantford).....										
Deer Park.....	0.66	7	24	0.30	22					
Dutton.....	2.40	4	27	0.91	14					
Emisdale.....	0.76	6	25	0.27	23					
Fort Frances.....										
Grand Valley.....										
Grantham.....	1.79	6	25	1.05	18					
Long Lake (Zeno).....	0.83	5	26	0.39	22					
MacCue.....	1.28	3	28	0.92	23					
Niagara Falls.....	0.86	6	25	0.32	21					
Nipigon.....										
Point Clark.....										
Rock Chapel (Grimsby).....	0.83	7	24	0.55	21					
Strathroy.....										
Sydenham.....										
Watford.....	1.32	5	26	0.50	12					
Wawatton Falls.....										
Westminster.....	2.34	3	28	1.98	12-14					
Westport.....	0.78	4	27	0.47	23					
Wiarion.....	1.57	6	25	0.68	23					

PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING JULY, 1914.

[illegible]

PRESSURE, HUMIDITY, CLOUDINESS AND WIND AT STATIONS OF THE FIRST CLASS DURING THE
MONTH OF JULY, 1914.

a Barometer not reduced to sea level

STATION	Latitude N.	Longitude W.	Elevation above sea level, in feet	PRESSURE.				Mean relative humidity	Mean amount of cloud	No. of days completely clouded.	DIRECTION OF WIND FROM										VELOCITY OF WIND																					
				Mean reduced.	Highest.	Lowest.	Range				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	C.	Total number of observations	Mean miles per hour.	Maximum velocity.	Date and direction from.																			
BRITISH COLUMBIA—																																										
Atlin	50	3	133	38	2240	29 92	50 20	29 64	0 56	—	7	4	1	1	0	0	49	1	6	3	62	.....	.....	.....	.....													
Barkerville	53	2	121	35	4180	29 98	30 26	29 68	0 58	79	6	5	0	0	0	0	4	12	1	0	45	62	.....	.....	.....														
Kamloops	50	42	120	29	1245	29 90	30 27	29 64	0 61	51	5	2	0	0	10	4	9	3	23	2	11	62	3 12	11	5 SE																	
Nanaimo	49	10	123	37	125	29 93	30 26	29 73	0 43	64	3	1	3	10	0	9	2	0	0	19	19	62	.....	.....	.....														
Prince Rupert	51	18	130	18	170	29 99	30 32	29 75	0 57	83	10	23	0	2	3	9	4	5	12	0	37	62	.....	.....	.....														
Triangle Island	50	52	129	5	680	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	.....	.....	.....														
Tranquille	50	41	120	29	—	28 66	28 97	28 41	0 56	51	4	0	1	0	4	1	3	4	11	0	3	62	.....	.....	.....														
Vancouver	49	17	123	5	136	30 05	30 27	29 86	0 41	71	3	2	2	2	12	6	3	5	17	11	4	62	.....	.....	.....														
Victoria	48	24	123	19	85	30 07	30 28	29 89	0 33	71	5	1	0	2	4	0	6	45	1	0	1	62	14 5	44	19 SW																	
YUKON—																																										
Dawson	64	4	139	20	1200	29 80	30 14	20 45	0 69	—	5	2	3	0	2	0	9	0	0	1	45	60	.....	.....	.....														
ALBERTA—																																										
Banff	51	10	115	34	4542	29 93	30 20	29 54	0 66	51	4	0	0	4	0	3	1	15	13	0	23	62	.....	.....	.....														
Calgary	51	2	114	2	3389	29 81	30 13	29 41	0 74	61	3	1	2	2	4	7	2	4	5	32	4	62	5 1	22	21 NW																	
Edmonton	53	33	113	30	2158	29 83	30 11	29 16	0 65	70	6	0	2	3	8	4	10	6	11	16	2	62	6 9	30	15 NW																	
Medicine Hat	50	1	110	37	2161	29 81	30 13	29 52	0 61	52	3	0	2	0	2	2	5	23	16	4	14	62	.....	.....	.....														
SASKATCHEWAN—																																										
Battleford	52	41	108	20	1620	29 82	30 12	29 46	0 56	49	3	2	0	0	1	14	0	6	4	13	24	62	.....	.....	.....														
Moose Jaw	50	21	105	35	1750	29 78	30 08	29 43	0 65	83	2	1	3	3	6	5	1	5	26	7	37	93	.....	.....	.....														
Prince Albert	53	10	106	0	1432	29 84	30 94	28 85	0 69	74	3	2	1	0	3	1	6	1	5	11	40	62	.....	.....	.....														
Qu'Appelle	50	30	103	47	2115	29 85	30 13	29 19	0 64	71	4	2	4	4	5	7	8	18	5	8	3	62	9 5	28	22 W																	
Swift Current	50	20	107	45	2439	29 81	30 16	29 15	0 68	60	4	0	2	3	3	6	9	19	9	9	2	62	11 3	33	1 SW																	
MANITOBA—																																										
Le Pas	53	49	101	15	860	29 94	30 17	29 18	0 90	75	4	0	5	5	7	5	9	13	13	4	1	62	.....	.....	.....														
Minneapolis	50	15	99	50	1691	29 91	30 28	29 12	0 86	81	4	2	6	1	9	3	2	6	4	13	24	62	.....	.....	.....														
Winnipeg	49	53	97	7	760	29 91	30 26	29 40	0 86	65	4	1	5	5	7	22	14	15	2	15	8	93	11 0	28	5 SE																	
ONTARIO—																																										
Cochrane	49	2	81	0	916	30 01	30 43	29 50	0 93	69	4	0	13	1	2	2	16	3	20	5	0	62	7 2	21	16 SW																	
Hartleybury	47	2	79	29	687	29 90	30 28	29 53	0 75	63	5	1	9	5	1	1	13	7	7	16	62	.....	.....	.....															
Kingston	41	1	76	29	285	29 18	30 28	29 66	0 62	71	4	1	3	21	2	8	11	7	7	2	62	7 4	22	22 S																		
Landsea	41	20	78	35	872	29 08	24 33	28 77	0 50	—	5	3	5	10	7	8	3	24	5	8	27	93	.....	.....	.....														
London	42	50	81	13	808	29 09	30 26	29 68	0 58	71	4	4	11	33	6	21	7	13	0	8	0	93	.....	.....	.....														
Ottawa	45	29	75	42	201	29 93	30 27	29 57	0 70	86	4	1	2	5	23	1	1	14	8	8	0	62	.....	.....	.....														
Parry Sound	45	19	80	0	635	30 00	30 27	29 61	0 66	78	5	5	9	1	6	9	2	9	16	10	4	62	5 3	16	17 SW																	
Port Arthur	48	27	80	12	644	30 00	30 38	29 47	0 80	78	5	3	10	14	15	15	11	4	6	12	6	93	7 2	25	16 W																	
Port Stanley	42	30	41	13	532	29 98	30 24	29 67	0 57	81	4	4	0	6	17	5	1	11	7	11	62	3 5	15	17 W																		
Southampton	44	30	81	21	656	30 02	30 28	29 72	0 66	82	6	6	10	2	7	2	12	7	8	5	2	62	6 6	21	28 NE																	
Stouffville	46	9	78	6	557	30 00	30 39	29 56	0 73	87	4	0	1	2	6	0	1	0	9	1	43	62	.....	.....	.....														
Toronto	43	40	79	24	350	29 99	30 26	29 66	0 60	70	4	5	7	24	2	4	1	5	2	17	0	62	9 0	24	17 NE																	
White River	48	35	85	16	1252	29 97	30 28	29 59	0 69	—	5	3	7	1	5	0	2	18	3	24	62	3 4	19	16 W																		
Woodstock	43	8	80	47	980	29 98	—	—	—	73	—	3	9	12	9	17	4	9	5	28	0	93	7 7	20	18 NW																	
QUEBEC—																																										
Anticosti S.W. Pt.	49	24	63	35	30	29 88	30 21	29 47	0 82	87	4	3	19	5	1	33	18	3	0	10	4	93	7 7	26	17 S																	
Father Point	48	31	48	19	20	29 91	31 31	29 50	0 81	86	6	3	1	0	4	0	2	4	41	3	7	62	.....	.....	.....														
Montreal	45	40	73	35	187	29 97	30 39	29 51	0 79	57	4	2	5	19	5	6	9	17	8	24	0	93	3 9	19	21 NW																	
Quebec	46	48	71	13	291	29 55	30 32	29 47	0 85	69	5	5	2	16	6	0	6	30	23	9	1	93	4 7	30	29 NE																	
Sherbrooke	45	32	72	5	620	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	.....	.....	.....														
NEW BRUNSWICK—																																										
Chatham	47	3	65	24	21	29 95	30 33	29 62	0 71	73	4	1	1	4	6	4	4	21	14	7	1	62	.....	.....	.....														
Fredericton	45	57	55	36	164	29 98	30 31	29 67	0 64	72	5	3	3	11	6	7	10	24	18	12	3	93	6 1	20	14 SW																	
St. John	45	17	6	4	70	29 97	30 25	29 70	0 55	80	5	5	2	10	5	4	30	14	2	5	21	93	6 6	26	8-14 SW																	
NOVA SCOTIA—																																										
Halifax	44	39	5	36	88	29 98	30 25	29 69	0 56	84	7	11	4	8	3	9	6	10	18	4	0	62	9 6	29	21 SW																	
Sable Island (M.Station)	43	57	0	6	25	29 05	30 39	29 76	0 63	—	7	14	0	17	4	13	23	26	4	6	0	93	14 7	29	8 SW																	
Sydney	46	10	0	10	35	29 97	30 21	29 66	0 69	74	8	16	6	12	11	3	8	24	12	13	4	93	9 5	29	23																	
Truro	45	2	63	18	77	29 98	30 28	29 69	0 59	—	6	4	7	2	8	5	10	22	14	11	2	93	.....	.....	.....														
Truro (2)	45	25	63	15	—	31 00	30 42	29 55	0 87	—	—	—	—	—	—	—	—	—	—	—	—	—	.....	.....	.....														
Wolfville	45	7	44	20	—	29 97	30 39	29 19	0 11	—	5	1	2	2	14	0	1	0	41	2	0	62	7 7	27	18																	
Yarmouth	43	59	66	2	65	30 01	30 26	29 74	0 52	90	6	2	6	1	8	4	7	12	11	6	7	62	8 9	27	22 SW																	
P. E. ISLAND																																										
Charlottetown	46	11	63	10	38	29 95	30 19	29 70	0 59	79	6	6	3	6	2	0	8	22	0	12	8	62	6 1	19	21 SW																	
NEWFOUNDLAND																																										
Burns	47	0	55	10	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	.....	.....	.....														
Fogo	49	43	54	17	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	.....	.....	.....														
Port aux Basques	47	25	59	10	27	29 95	30 31	29 56	0 75	—	8	16	4	1	23	5	1	3	9	10	6	62	.....	.....	.....														
St. George's	48	27	58	31	21	29 99	31 13	29 56	0 57	56	6	6	3	3	9	2	2	16	9	18	0	62	.....	.....	.....														
St. John's	47	31	52	42	125	29 92	30 23	29 12	0 87	—	6	9	9	4	12	0	8	15	5	4	5	62	.....	.....	.....														
BERMUDA																																										
Prospect	32	17	61	46	151	30 20	30 43	31 01	0 42	82	5	—	5	0	0	2	24	36	18	8	0	95	.....	.....	.....														

FREQUENCY OF THE WIND FROM THE EIGHT CARDINAL POINTS AT STATIONS OF
THE SECOND CLASS, DURING THE MONTH OF JULY, 1914

STATION	DIRECTION OF WIND FROM									Total num- ber of Obs- ervations
	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	C.	
ALBERTA—										
Athabasca Landing.....	0	0	0	1	7	2	13	8	0	31
Beaver Lodge.....	0	0	6	0	3	9	35	9	0	62
Didsbury.....	0	3	5	3	3	4	2	7	0	27
Halkirk (Emsburg).....	5	6	8	9	8	4	0	22	0	62
Hillsdown.....	0	2	0	11	4	3	0	26	16	62
Loveland.....	1	9	4	4	4	13	10	17	0	62
Macleod.....	0	0	0	2	3	9	33	11	0	58
Ranfurly (Waitefield).....	7	5	11	9	6	8	15	19	13	93
Sion.....	2	3	0	15	16	4	37	10	0	87
SASKATCHEWAN—										
Brownhill (Grenfell).....	2	7	3	7	6	21	3	13	0	62
Chaplin.....	1	0	3	6	14	4	21	2	11	62
Crescent Lake.....	1	3	4	5	13	16	4	7	9	62
Estevan.....	3	0	3	6	2	5	9	0	3	31
Fort Qu'Appelle.....	2	3	11	21	8	3	14	0	0	62
Indian Head.....	1	9	5	11	13	12	23	13	6	93
Kamsack.....	0	0	7	8	0	0	1	2	13	31
Larchmount (Pambrum).....	0	3	3	3	0	39	11	3	0	62
Muenster (St. Peter's Monastery).....	4	1	4	4	0	13	19	17	0	62
Onion Lake.....	7	3	3	1	0	3	9	2	0	28
Pense (Gatesgarth).....	0	0	1	9	1	8	7	5	0	31
Waseca.....	1	6	0	4	0	2	2	16	0	31
Yarbo (Fairfield).....	2	3	1	2	5	4	11	1	2	31
MANITOBA—										
Berens River.....	2	7	3	10	2	26	12	7	7	76
Brandon.....	9	7	5	6	18	21	9	14	4	93
Hillview.....	5	7	5	8	8	8	7	4	10	62
Moose Horn Bay (Aitkensville).....	10	0	6	5	4	11	16	4	6	62
Morden.....	12	2	4	3	14	5	11	3	8	62
Oak Bank.....	6	5	2	4	8	14	13	5	0	57
ONTARIO—										
Agincourt.....	7	5	28	20	5	6	3	19	0	93
Alton.....	26	0	28	2	4	1	19	13	0	93
Beatrice.....	12	1	1	8	4	3	2	11	51	93
Birnham.....	17	3	2	5	10	1	4	13	7	62
Brucefield.....	7	2	5	4	6	3	5	30	0	62
Cottam.....	21	1	10	15	4	2	3	2	0	58
Guelph.....	10	3	12	17	5	6	8	24	28	93
Gravenhurst.....	2	2	2	6	5	1	10	3	0	31
North Bruce.....	4	9	2	3	1	4	3	5	0	31
Orillia.....	3	31	18	0	0	25	15	1	0	93
Port Dover.....	2	0	5	1	0	2	1	5	15	31
Stoney Creek.....	2	0	5	1	0	2	1	5	15	31
Wexford.....	2	0	5	1	0	2	1	5	15	31
QUEBEC—										
Abitibi.....	22	3	4	5	19	3	26	5	0	87
Anticosti, Heath Point.....	1	12	8	1	2	10	42	5	12	93
Anticosti, West Point.....	8	16	2	0	39	6	10	12	0	93
Bicquet.....	1	7	0	0	2	39	8	1	35	93
Brome.....	17	8	4	2	9	7	40	3	3	93
Cape Chatte.....	0	0	3	0	0	0	54	0	36	93
Cape Magdalen.....	0	0	0	3	18	7	3	37	25	93
Cap Rouge.....	3	4	0	0	0	2	0	22	0	31
Cedars.....	4	6	5	0	0	8	5	3	0	31
Chicoutimi.....	0	27	0	12	0	13	2	15	24	93
Clarke City.....	0	0	0	0	0	0	0	0	0	0
NEW BRUNSWICK—										
Dalhousie.....	0	0	12	0	0	0	13	0	5	30
Moncton.....	1	4	1	4	5	5	4	7	0	31
Pt. Lepreaux.....	2	4	20	4	2	26	10	13	0	84
Sussex.....	1	8	0	0	1	5	4	4	8	31
NOVA SCOTIA—										
Kentville.....	2	2	2	2	4	0	17	2	0	31
Liverpool.....	1	1	16	0	1	5	2	5	0	31
Sable Island, E. Pt.....	0	0	0	0	0	0	0	0	0	0
Whitehead.....	4	0	8	1	2	14	1	1	0	31

MEAN PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY IN THE MONTH OF
JULY 1914

STATION.	HOURS ENDING																	
	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.
British Columbia																		
Shawnigan Lake .....			.80	.77	.78	.74	.78	.81	.85	.82	.78	.74	.78	.77	.30	.47		
Victoria .....	.01	.53	.72	.78	.83	.81	.81	.87	.85	.79	.77	.69	.69	.80	.56			
Salmon Arm .....	.01	.59	.67	.74	.80	.80	.72	.68	.69	.67	.70	.64	.61	.63	.54	.05		
Nanaimo .....	.09	.55	.67	.61	.72	.70	.77	.77	.76	.66	.68	.73	.73	.63	.44	.04		
Sidney .....	.12	.67	.77	.86	.77	.77	.81	.88	.90	.85	.77	.75	.80	.86	.55	T		
Vancouver .....	.04	.52	.79	.85	.74	.70	.71	.71	.80	.72	.69	.69	.75	.72	.60	.10		
Agassiz .....			.20	.55	.68	.76	.74	.76	.76	.77	.79	.69	.62	.52	.13			
Tranquille .....			.33	.68	.75	.78	.85	.82	.80	.78	.74	.77	.71	.63	.56	.38	.04	
Summerland .....	.14	.75	.86	.87	.84	.84	.77	.80	.77	.76	.76	.76	.71	.68	.36			
Kamloops .....	.10	.57	.71	.78	.80	.81	.74	.80	.75	.70	.69	.62	.56	.51	.42	.10		
Harper's Ranch																		
Invermere .....	.06	.60	.78	.77	.83	.84	.85	.80	.82	.76	.72	.66	.61	.63	.42	.02		
Alberta																		
Edmonton .....	.17	.53	.62	.67	.76	.80	.82	.86	.84	.81	.78	.72	.67	.60	.47	.08		
Lethbridge .....	.17	.76	.79	.87	.90	.90	.85	.87	.89	.83	.79	.81	.85	.84	.78	.59		
Lacombe .....		.19	.57	.73	.80	.85	.89	.86	.84	.84	.85	.74	.61	.59	.57	.12		
Medicine Hat .....	.17	.82	.88	.90	.92	.91	.87	.94	.87	.86	.90	.85	.77	.75	.68	.18		
Fort Dunvegan .....		.35	.73	.83	.86	.89	.85	.79	.78	.69	.56	.53	.53	.46	.17			
Fort Vermilion .....	.07	.51	.71	.79	.71	.70	.64	.71	.75	.78	.79	.73	.70	.68	.67	.48	.31	.05
Saskatchewan																		
Battleford .....	.10	.58	.68	.77	.80	.83	.86	.81	.77	.82	.81	.77	.78	.70	.62	.14		
Indian Head .....		.25	.64	.72	.77	.85	.87	.85	.87	.82	.79	.78	.69	.57	.37			
Moosejaw .....	.42	.72	.75	.84	.82	.84	.85	.82	.81	.78	.80	.80	.74	.72	.65	.26		
Scott .....	.02	.43	.72	.73	.78	.82	.77	.78	.73	.75	.76	.81	.82	.73	.23	T		
Rosthern .....	.25	.65	.68	.71	.83	.81	.81	.87	.79	.81	.77	.72	.64	.65	.62	.32		
Manitoba																		
Brandon .....			.01	.25	.72	.73	.77	.78	.82	.87	.89	.85	.84	.72	.37	.02		
Winnipeg .....	.09	.53	.61	.69	.74	.76	.72	.72	.80	.77	.70	.75	.73	.64	.53	.04		
Le Pas																		
Ontario																		
Halleybury .....	.07	.54	.66	.67	.68	.71	.70	.68	.70	.72	.74	.73	.70	.61	.47	.09		
Woodstock .....	.18	.49	.67	.68	.72	.70	.71	.74	.75	.76	.71	.62	.61	.39	T			
Lindsay .....		.24	.59	.65	.67	.71	.67	.64	.64	.63	.62	.54	.42	.03				
Barrie .....		.33	.48	.55	.64	.73	.68	.68	.70	.71	.63	.59	.57	.48				
Guelph																		
Toronto .....		.22	.60	.67	.67	.72	.72	.76	.73	.71	.69	.66	.60	.50	.42	.07		
Kingston .....	.01	.35	.65	.73	.71	.71	.74	.74	.73	.65	.62	.68	.59	.51	.40	.02		
Ottawa .....	.04	.57	.67	.70	.69	.73	.79	.78	.75	.68	.66	.66	.61	.63	.54	.04		
Quebec																		
Montreal .....			.40	.69	.73	.76	.76	.82	.82	.73	.77	.72	.56	.62	.56	.17		
Cap Rouge .....	.02	.34	.55	.66	.73	.72	.75	.79	.73	.64	.65	.69	.68	.62	.44	.01		
Quebec .....		.24	.47	.55	.67	.70	.74	.76	.75	.67	.70	.73	.70	.61	.36			
Ste Anne de la Pocatiere	T	.45	.59	.64	.63	.74	.82	.74	.81	.75	.63	.69	.63	.60	.49	.10		
Sherbrooke																		
New Brunswick																		
Fredericton .....			.33	.47	.57	.62	.64	.63	.61	.64	.64	.65	.62	.65	.55	.55	.26	
Prince Edward Island																		
Charlottetown .....	.68	.38	.47	.49	.51	.59	.64	.61	.59	.64	.66	.66	.67	.60	.33			
Nova Scotia																		
Napfen .....		.18	.35	.47	.56	.61	.64	.59	.70	.71	.71	.68	.64	.66	.48	.16		
Wolfville .....	.03	.41	.50	.55	.57	.59	.58	.61	.60	.65	.67	.66	.60	.57	.49	.14		
Kentville .....	.22	.44	.52	.55	.58	.62	.63	.63	.64	.67	.60	.56	.49	.46	.07			

Thunder recorded:

1. Sion, Sioux Lookout, Montague, Woodstock, N.B., North Gower, Stonecliffe, Springdale, Sable Island.
2. Chaplin, Whitewood, Crescent Lake, Port Burwell, Springdale, Sion, Loveland.
3. Deloraine, Saskatoon, Halcynia, Muenster, Sioux Lookout, Kakabeka Falls, Nipigon, Ignace, Schreiber, Morden, Oakbank, Dauphin, Banff, Halkirk, Edmonton, Minnedosa, Westley, Perry Siding, Nakusp, Port Arthur, Winnipeg, Anglia, Ranfurly, Springdale, Athabasca Landing, Sion, Campsie.
4. Saskatoon, Brandon, Banff, Nakusp, East Arrow Park, Dunstable, Springdale, Ronalane, Sion, Perbeck, Loveland, Hillsdown, Expanse Coulee, Campsie, Beaver Lodge, Halkirk, Brownhill.
5. Rapid City, Deloraine, Chaplin, Saskatoon, Crescent Lake, Morrisburg, Brome, Shawinigan Falls, Banff, Calgary, Minnedosa, Kelowna, Wilmer, Nakusp, Keremeos, East Arrow Park, Ottawa, Montreal, Huberdeau, Causapscal, Nicolet, Sorel, Hillview, Swan Lake, Morden, Almasippi, North Gower, Aitkensville, Ranfurly, Pekisko, Athabasca Landing, Sion, Long Lake, Brownhill, Fort Vermilion.
6. Savanne, Calgary, Swift Current, Revelstoke, Springdale, Perbeck, Loveland, Beaver Lodge, Gull Lake, Brownhill, Fort Vermilion H.
7. Rapid City, Chaplin, Pense, Halcynia, Crescent Lake, Owen Sound, Sion, Ranfurly, Springdale, Halkirk, Campsie, Beaver Lodge, Brome, Shawinigan Falls, Drummondville, Hillview, Almasippi, Ninette, Oakbank, Treherne, Edmonton, Prince Albert, Moose Jaw, Muenster, Dunstable, Port Qu'Appelle, Brownhill, Fort St. James.
8. Crescent Lake, Savanne, Dryden, Morrisburg, Georgetown, Paris, Hamilton, Drummondville, Moneton, Sutherland River, Brandon, Fredericton, Sion, Aitkensville, Gravenhurst, Swift Current, Qu'Appelle, Minnedosa, Ranfurly, Brownhill.
9. Westport, Imperial, Halcynia, Muenster, Savanne, Sioux Lookout, Madoe, Kakabeka Falls, Schreiber, Almasippi, Oakbank, Woodstock, Ont., Gravenhurst, Edmonton, Chilcotin, Port Arthur, Springdale, Sion, Campsie, Babine Lake.
10. Westport, Rutherglen, Bisco, Savanne, Sioux Lookout, Madoe, Wawaitin, Sion, Long Lake, Morrisburg, Haliburton, Almonte, Haileybury, Montague, Nipigon, Huberdeau, Mistassini, Chicomini, Maniwaki, Morden, Almasippi, Gravenhurst, Medicine Hat, Swift Current, Qu'Appelle, Salmon Arm, Hydraulic, Cochrane, Port Arthur, Parry Sound, Montreal, Muenster, Dunstable, Beaver Lodge, Gull Lake, Fort St. James.
11. Emsdale, Westport, Rapid City, Pambrun, Saskatoon, Halcynia, Muenster, Beatrice, Madoe, Kakabeka Falls, Nicolet, Haliburton, Norwood, Ignace, Renfrew, Brome, Abitibi, Beauceville, D'Israeli, Shawinigan Falls, Sion, Cedars, Sorel, Glacier, East Arrow Park, Crawford Bay, Chilcotin, Armstrong, Kingston, Stonecliffe, Ottawa, Quebec, La Tuque, Huberdeau, Lake Megantic, Drummondville, Brandon, Hillview, Almasippi, Oakbank, Springdale, Campsie, Beaver Lodge, Aitkensville, Rock Creek, Gravenhurst, Minnedosa, Kelowna, Tappen, Salmon Arm, Rossland, Quesnelle, Princeton, Nelson, Keremeos, Hydraulic.
12. Warton, Saskatoon, Halcynia, Birnam, Kakabeka Falls, Paris, St. Lin, Sion, Hillsdown, Expanse Coulee, Alix, Red Deer, Kentville, Parrshoro, Sussex, East Arrow Park, Enderby, Armstrong, Winnipeg, Port Stanley, Sydney, Fredericton, Woodstock, Ont., Invermore, Lundbreck, Banff, Calgary, Kelowna, Boswell, Wilmer, Westley, Tappen, Summerland, Salmon Arm, Richlands, Quesnelle, Nakusp, Monte Creek, Grand Forks, Golden, Glacier, Anglia, Rosthern, Crebank Ranch, Ponoka, Ranfurly, Springdale, Okotoks, Loveland, Babine Lake.
13. Chaplin, Imperial, Saskatoon, Halcynia, Rosthern, Muenster, Alton, Loveland, Lundbreck, Halkirk, Campsie, Beaver Lodge, Rutherglen, Birnam, Clinton, Paris, Port Dover, London, Lindsay, Rathmull n, Banff, Medicine Hat, Swift Current, Gateway, Boswell, Wilmer, Sion, Vavenby, Salmon Arm, Rossland, Richlands, Nelson, Monte Creek, Grand Forks, Fruitlands, Port Arthur, Port Stanley, Port aux Basques, Toronto, Tranquille, Anglia, Jumping Pound, Mayeroff, Ranfurly, Springdale, Macleod, Perbeck, Mountain View.

14. Pense, Haleyonia, Kindersley, Melfort, Clinton, Georgetown, Aitkensville, Halkirk, Edmonton, Prince Albert, Moose Jaw, Gateway, Vavenby, Richlands, Pemberton Meadows, Port Stanley, London, Ranfurly, Springdale, Sion, Perbeck, Loveland, Hillsdown, Fort Vermilion.
15. Whitewood, Haleyonia, Crescent Lake, Sioux Lookout, Morrisburg, Ignace, Windsor, N.S., Aitkensville, Qu'Appelle, Minnedosa, Tappen, Fruitlands, Armstrong, Port Stanley, Creebank Ranch, Sion, Lundbreck, Hillsdown, Expanse Coulee.
16. Westport, Alton, Sioux Lookout, Kakabeka Falls, Nipigon, Abitibi, North Gower, Prince Albert, Port Arthur.
17. Rutherglen, Madoe, Lakefield, Almonte, Port Dover, Montague, Brome, Sion, Chicoutimi, Beauceville, Ottawa, Montreal, Quebec, St. George's, La Tuque, D'Israeli, Shawinigan Falls, Huberdeau, Mistassini, Cap Rouge, Ste. Anne de la Pocatiere, Tadoussac, St. Lin, Nicolet, Lake Megantic, Maniwaki, Sorel, Drummondville, Almasippi, North Gower, Fredericton, Gravenhurst, Prince Albert, Stonecliffe.
18. Rutherglen, La Malbaie, Causapscal, Ste. Anne de la Pocatiere, Drummondville, Point Lepreaux, Moncton, Halifax, Sydney, Charlottetown, St. George's, La Tuque, Woodstock, N.B., Antigonish, Sussex, Liverpool, Sion, Grand Falls, Fredericton, Winnipeg, St. John, Athabasca Landing, Loveland, Sable Island, Babine Lake.
19. St. Lin, Sutherland's River, Antigonish, Liverpool, Golden, Halifax, Sion, Sydney, St. George's, Truro, Brasau Forest, Campsie.
20. Deloraine, Yarbo, Whitewood, Pense, Haleyonia, Crescent Lake, Yellow Grass, Jumping Pound, Perbeck, Loveland, Hillsdown, Sioux Lookout, Kakabeka Falls, Haliburton, Ignace, Aitkensville, Sion, Banff, Qu'Appelle, Gateway, Boswell, Salmon Arm, Nicola Lake, Muenster, Fort Qu'Appelle, Fort Vermilion II.
21. Agincourt, Savanne, Wexford, Sioux Lookout, Madoe, Lakefield, Georgetown, Norwood, Ignace, Sutherland River, Windsor, N.S., Morden, Almasippi, Treherne, Fredericton, Gravenhurst, Prince Albert, Salmon Arm, Sion, Richlands, Winnipeg, Parry Sound, Kingston, Charlottetown, Toronto.
22. Sioux Lookout, Kakabeka Falls, Haliburton, Richlands, Port Arthur, Haileybury, Truro, Springdale, Sable Island.
23. Wiarton, Westport, Crescent Lake, Wexford, Madoe, Georgetown, Morden, Sion, Almasippi, Ninette, Oakbank, Treherne, Gravenhurst, Edmonton, Boswell, Westley, Salmon Arm, Quesnelle, East Arrow Park, Chilcotin, Port Stanley, Kingston, London, Springdale, Lundbreck, Hillsdown, Expanse Coulee, Red Deer.
24. Rapid City, Whitewood, Birnam, Wawaitin, Brandon, Morden, Almasippi, Sion, Springdale, Harmattan, Perbeck, Campsie, Ninette, Aweme, La Tuque, Oakbank, Treherne, Minnedosa, Winnipeg, Dunstable.
25. Westport, Whitewood, Saskatoon, Pense, Yellow Grass, Kindersley, Melfort, Rutherglen, Wawaitin, Kakabeka Falls, Kingston, Stonecliffe, Sion, Ottawa, Montreal, Quebec, St. John, La Tuque, Morrisburg, Montague, Perbeck, Schreiber, Brome, D'Israeli, Shawinigan Falls, Cedars, Huberdeau, Cap Rouge, Ste. Anne de la Pocatiere, Sorel, Lake Megantic, Maniwaki, Drummondville, Point Lepreaux, Fredericton, Grand Falls, Hillyview, Morden, Alix, Almasippi, Treherne, Banff, Swift Current, Prince Albert, Minnedosa, Quesnelle, Hydraulic, Port Arthur, Winnipeg, Ranfurly, Springdale, Hillsdown, Halkirk, Clinton, Fort St. James.
26. Savanne, Dryden, Kakabeka Falls, Nipigon, Ignace, Schreiber, Kentville, Sussex, Middleton, Oakbank, Fredericton, Qu'Appelle, Port Arthur, Sydney, Truro (2), Harmattan, Sable Island.
27. Wiarton, Deloraine, Whitewood, Crescent Lake, Alton, Wexford, Kakabeka Falls, Georgetown, Hamilton, Markdale, Morden, Fredericton, Qu'Appelle, Creston, Chilcotin, Southampton, Toronto, Truro, Sion, Babine Lake.
28. Chaplin, Whitewood, Saskatoon, Pense, Haleyonia, Crescent Lake, Yellow Grass, Kindersley, Rosthern, Aitkensville, Swift Current, Qu'Appelle, Sion, Minnedosa, Dunstable, Ranfurly, Athabasca Landing, Loveland, Hillsdown, Halkirk, Campsie.
29. Crescent Lake, Rathmullen, Aitkensville, Ranfurly, Halkirk.
30. Melfort, Sioux Lookout, Abitibi, Rossland, Halkirk, Expanse Coulee.
31. Rapid City, Chaplin, Pense, Mistassini, Morden, Almasippi, Oakbank, Sion, Treherne, North Gower, Rathmullen, Aitkensville, Medicine Hat, Swift Current, Minnedosa, Westley, Perry Siding, Anglia, Creebank Ranch, Dunstable, Ponoka, Ranfurly, Springdale, Daysland, Perbeck, Loveland, Hillsdown, Halkirk, Alix, Red Deer.

Auroras recorded:

- 1.
- 2.
- 3.
4. Wawaitin, Kakabeka Falls IV, Lucknow IV, Schreiber III, Causapscal, Morden I, Southampton IV, Brownhill II.
5. Sorel, Winnipeg.
- 6.
- 7.
- 8.
9. Quebec IV.
- 10.
- 11.
12. Estevan, Aweme IV.
- 13.
- 14.
- 15.
- 16.
17. Chicoutimi.
- 18.
19. Montague.
20. Haileybury III.
21. Sioux Lookout.
22. Anglia II, Sioux Lookout, Halkirk.
23. Chaplin IV, Haleyonia, Anglia II, Sioux Lookout.
24. Larchmount, Chaplin IV, Haleyonia, Anglia II, Sioux Lookout, Dryden, Aitkensville II, Cape Magdalen, Moose Jaw, Ranfurly II, Fort Vermilion.
25. Larchmount I, Chaplin IV, Anglia II, Haliburton II, Lucknow IV, Aweme II, Qu'Appelle, Haileybury III, Fort Vermilion.
26. Anglia IV, Sioux Lookout, Aweme III, Swift Current, St. John IV.
27. Larchmount II, Waseca, Anglia I, Wawaitin, Schreiber III, Aweme III, Chinook Cove, Haileybury IV, Ranfurly III, Expanse Coulee, Brownhill IV, Fort St. James.
28. Waseca, Anglia II, Wawaitin, Kakabeka Falls, Chinook Cove, St. George's, Haileybury III, Sion III.
29. Yellow Grass, Anglia III, Rutherglen IV, Haliburton IV, Lucknow IV, Amos, Huberdeau IV, Causapscal, Morden III, Aweme III, Cape Magdalen, Gravenhurst, Edmonton III, Quebec IV, Haileybury IV, Ranfurly III.
30. Larchmount II, St. Walbury II, Anglia III, Brantford, Montague, Mistassini III, Medicine Hat, Edmonton IV, Qu'Appelle, Quebec IV, St. George's, Haileybury III, Ranfurly III, Halkirk, Sion II, Fort St. James, Fort Vermilion.
31. Anglia IV, Chicoutimi, Edmonton I, Ranfurly IV, Fort St. James.

FORECASTS FOR JULY, 1914

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of these predictions issued during the month was 1262. These were divided as follows :

DISTRICT.	No. Issued.	VERIFIED.			
		No. Fully.	No. Partly.	No. Not.	Per- centage.
Alberta.....	80	54	22	4	81.3
Saskatchewan.....	81	62	15	4	85.8
Manitoba.....	81	59	19	3	84.6
Lake Superior.....	121	87	27	7	83.1
Lower Lake Region.....	117	91	21	5	86.8
Georgian Bay.....	118	90	25	3	86.9
Ottawa Valley.....	99	76	16	7	84.8
Upper St. Lawrence.....	99	79	13	7	86.4
Lower St. Lawrence.....	114	86	23	5	85.5
Gulf.....	118	80	30	8	81.5
Maritime Provinces West.....	118	82	29	7	81.8
Maritime Provinces East.....	116	86	24	6	84.5
Total.....	1262	932	264	66	84.3

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART, Director.

Meteorological Office, Toronto,

September 15th, 1914.

